

HUBERT DORN ET AL.  
USSN 09/780,646  
Reply to Office Action dated January 26, 2004  
Amendment Dated July 26, 2004

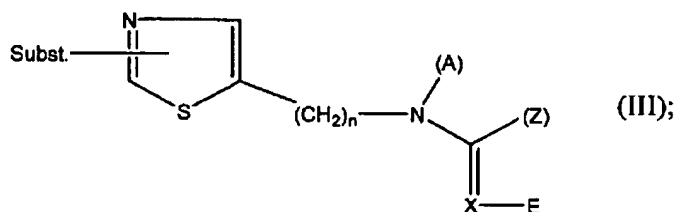
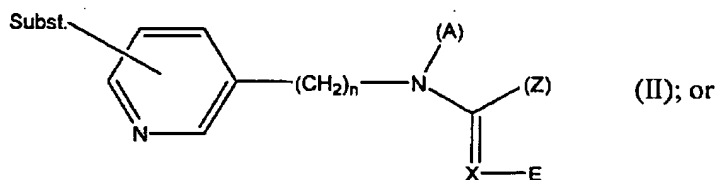
**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1.-9. (Canceled)

10. (Previously Presented) A method for controlling a parasitic insect selected from fleas and lice on a human or animal, said method comprising contacting said parasitic insect with an effective amount therefor of a compound of the formula:



wherein

n represents 1 or 2;

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Subst. represents halogen;

A and Z together with the nitrogen and carbon atom to which they are bonded form a saturated heterocyclic ring having 6 ring members, said heterocyclic ring containing in addition to the nitrogen atom to which A is bonded a further hetero group, said hetero group being selected from N-H and N-alkyl, wherein the alkyl of said N-alkyl has 1 to 4 carbon atoms;

E represents NO<sub>2</sub> or CN; and

X represents -CH= or -N=;

wherein said contacting of said parasitic insect with said compound is effected by:

- a) topically applying said compound to the dermis of said human or animal; or
- b) contacting the dermis of said human or animal with an article containing said compound,

and wherein said contacting of said parasitic insect with said compound does not result in said compound being systemically distributed within said human or animal.

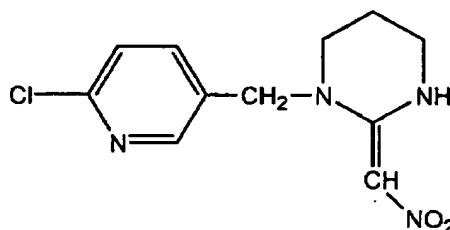
11. (Previously Presented) The method according to claim 10, which comprises contacting said parasitic insect with the compound:

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12. (Previously Presented) The method according to claim 10, wherein the animal is a dog or cat infested with fleas.

13. (Previously Presented) The method according to claim 12, wherein said contacting is effected by applying said compound topically to the dermis of said dog or cat by a pour-on or spot-on method.

14. (Previously Presented) The method according to claim 12, wherein said contacting is effected by contacting the dermis of said dog or cat with an article containing said compound.

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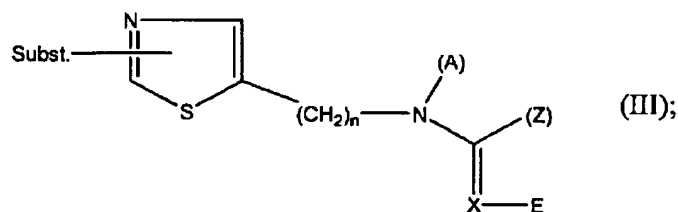
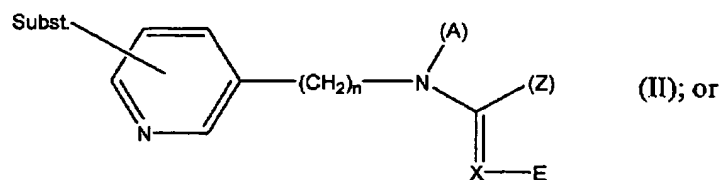
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15. (Previously Presented) The method according to claim 10, which is carried out on a human, and the human is infected with lice.

16. (New) A method for controlling fleas on a dog or a cat, said method comprising contacting said fleas with an effective amount therefor of a compound of the formula:



wherein

n represents 1 or 2;

Subst. represents halogen;

A and Z together with the nitrogen and carbon atom to which they are bonded form a saturated heterocyclic ring having 6 ring members, said heterocyclic ring

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containing in addition to the nitrogen atom to which A is bonded a further hetero group, said hetero group being selected from N-H and N-alkyl, wherein the alkyl of said N-alkyl has 1 to 4 carbon atoms;

E represents NO<sub>2</sub> or CN; and

X represents -CH= or -N=;

wherein said contacting of said fleas with said compound is effected by:

- a) topically applying said compound to the dermis of said dog or cat; or
- b) contacting the dermis of said dog or cat with an article containing said compound,

and wherein said contacting of said fleas with said compound does not result in said compound being systemically distributed within said dog or cat.

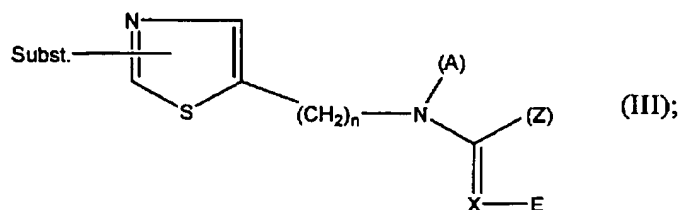
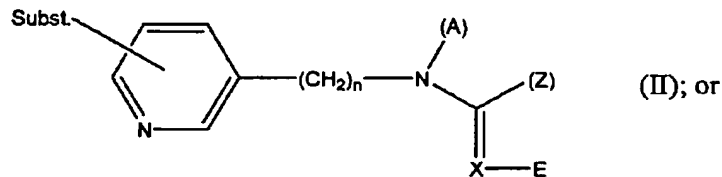
17. (New) A method for controlling lice on a human, said method comprising contacting said lice with an effective amount therefor of a compound of the formula:

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wherein

n represents 1 or 2;

Subst. represents halogen;

A and Z together with the nitrogen and carbon atom to which they are bonded form a saturated heterocyclic ring having 6 ring members, said heterocyclic ring containing in addition to the nitrogen atom to which A is bonded a further hetero group, said hetero group being selected from N-H and N-alkyl, wherein the alkyl of said N-alkyl has 1 to 4 carbon atoms;

E represents  $\text{NO}_2$  or CN; andX represents  $-\text{CH}=\text{}$  or  $-\text{N}=\text{}$ ;

wherein said contacting of said lice with said compound is effected by:

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- a) topically applying said compound to the dermis of said human; or
  - b) contacting the dermis of said human with an article containing said compound,
- and wherein said contacting of said lice with said compound does not result in said compound being systemically distributed within said human.